

FIG. 1

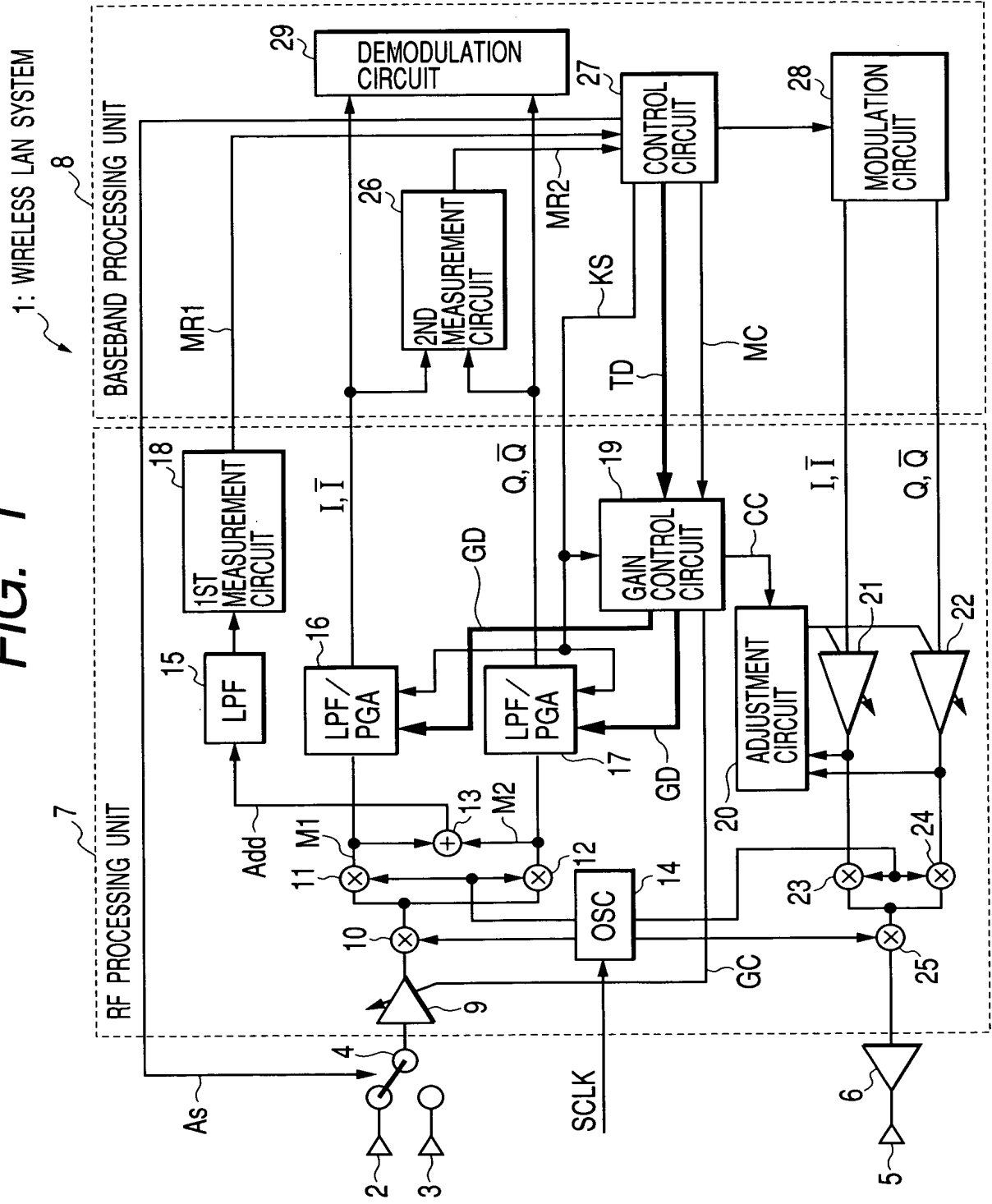
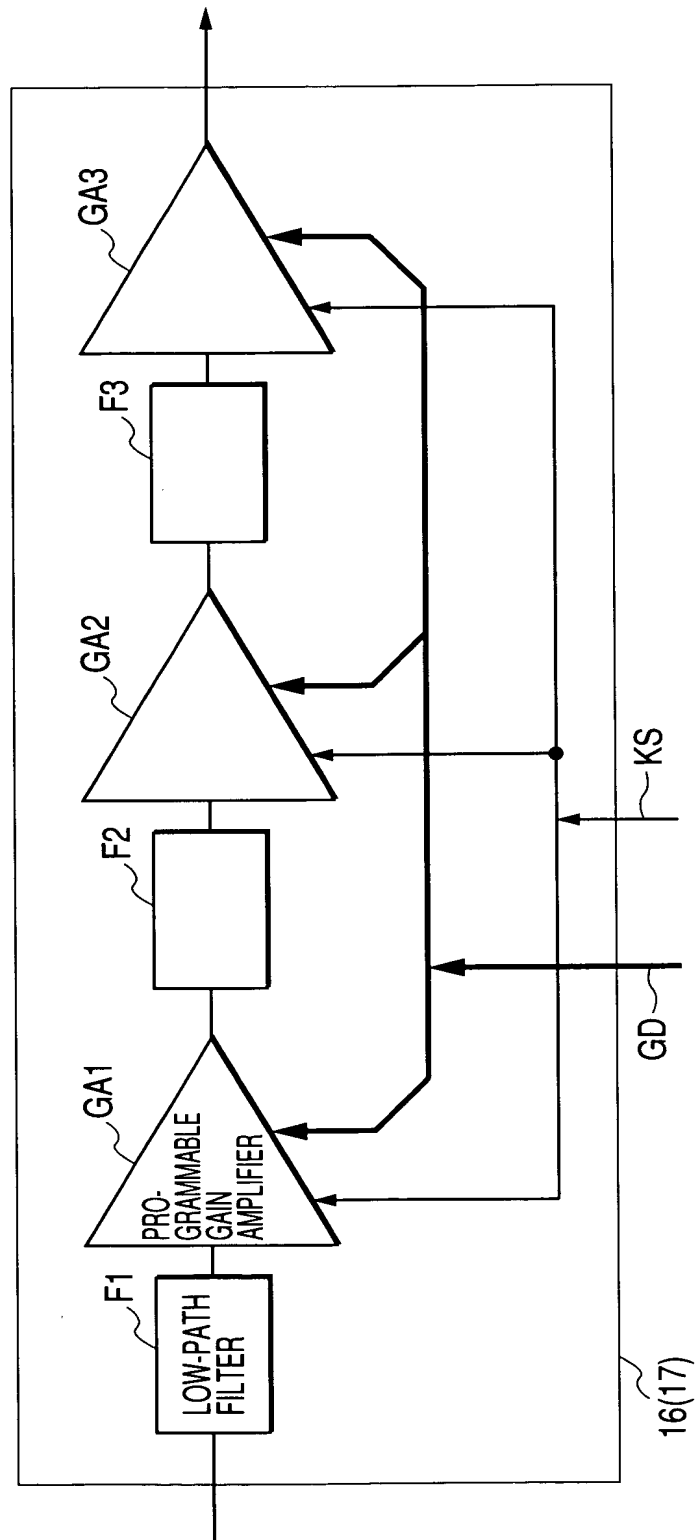
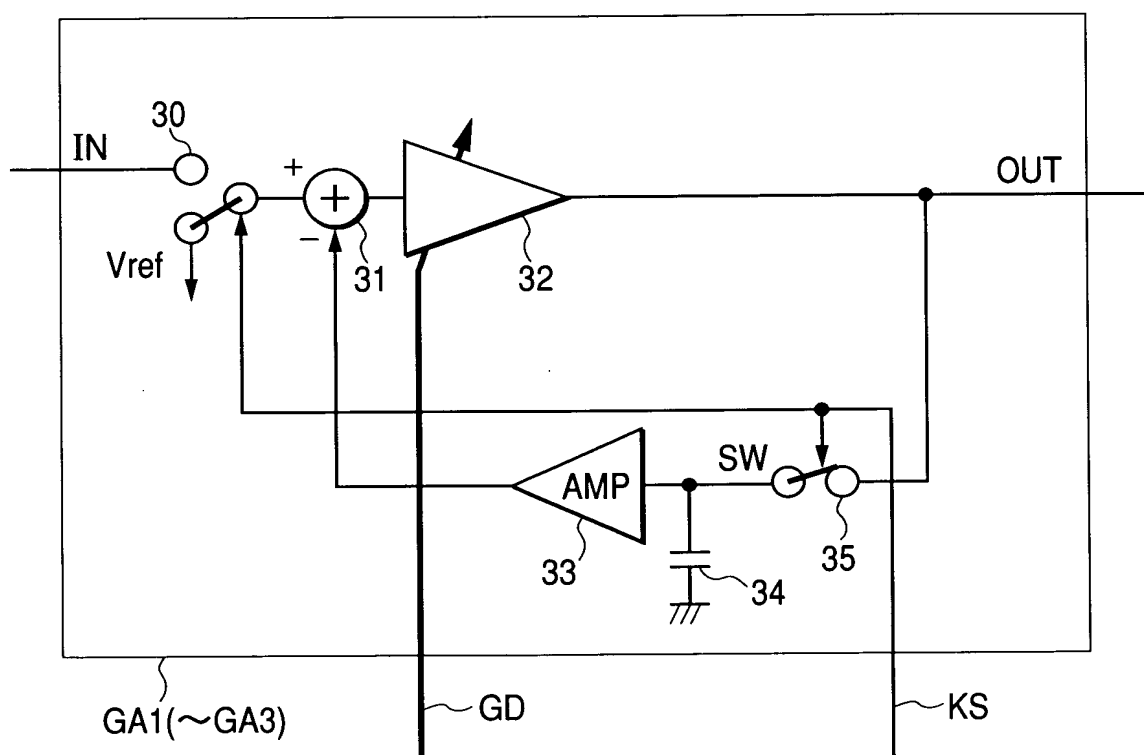
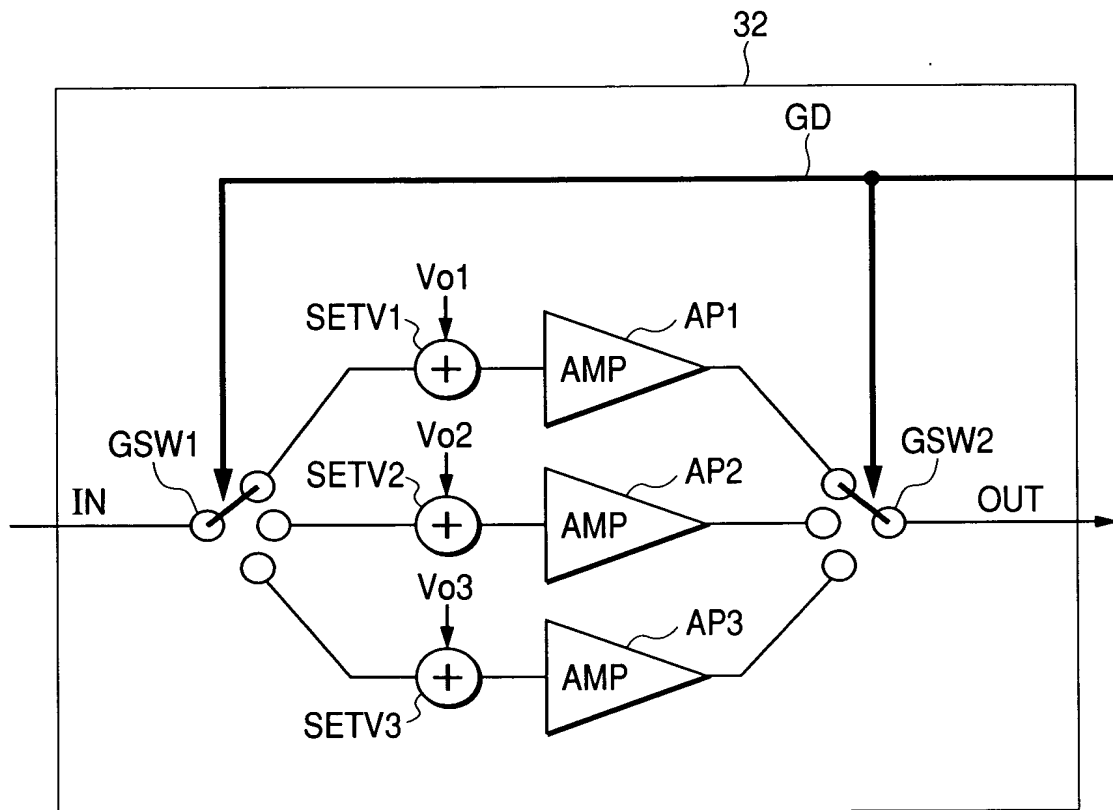
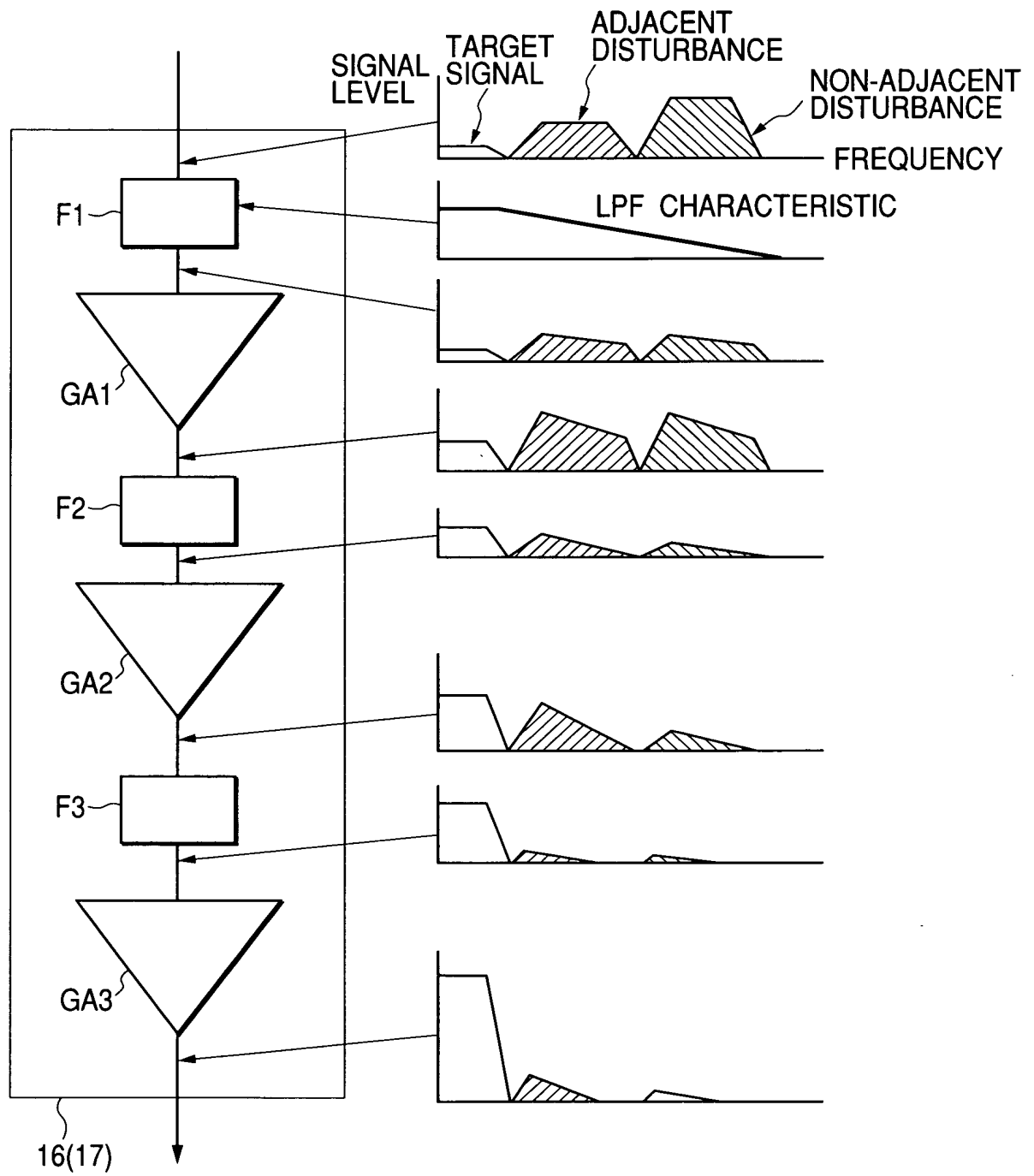


FIG. 2

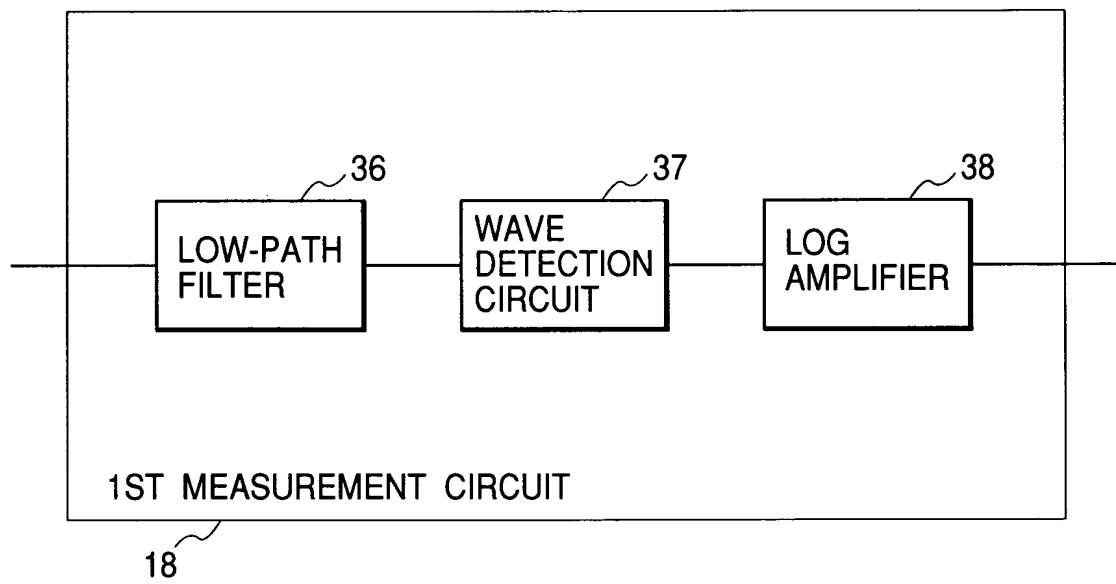


*FIG. 3*

*FIG. 4*

**FIG. 5**

*FIG. 6*



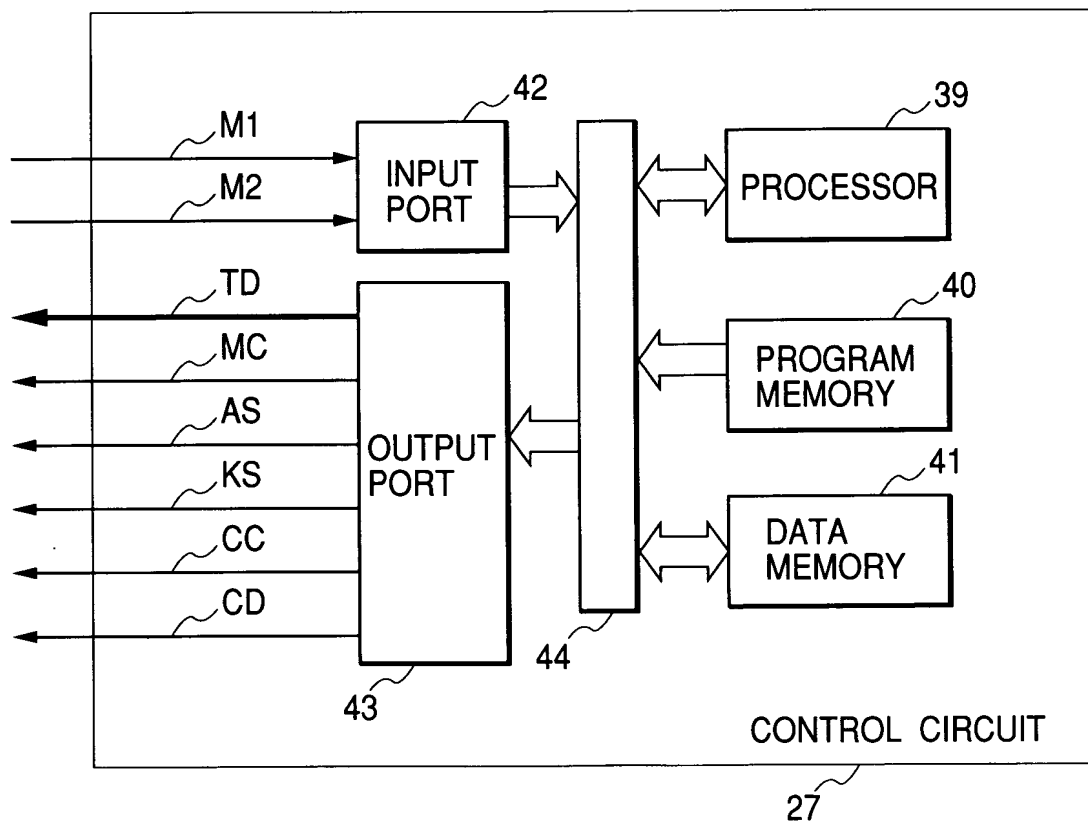
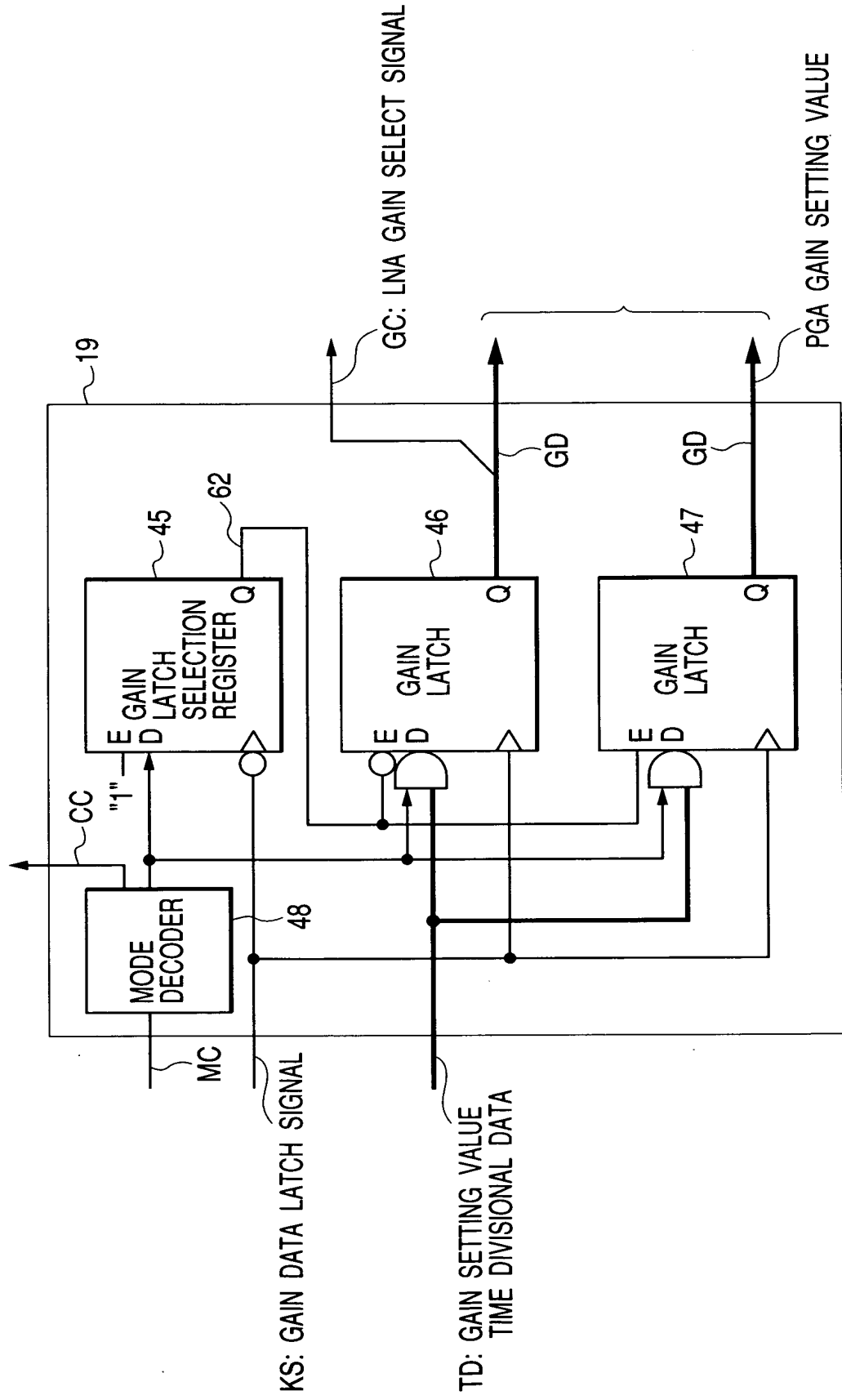
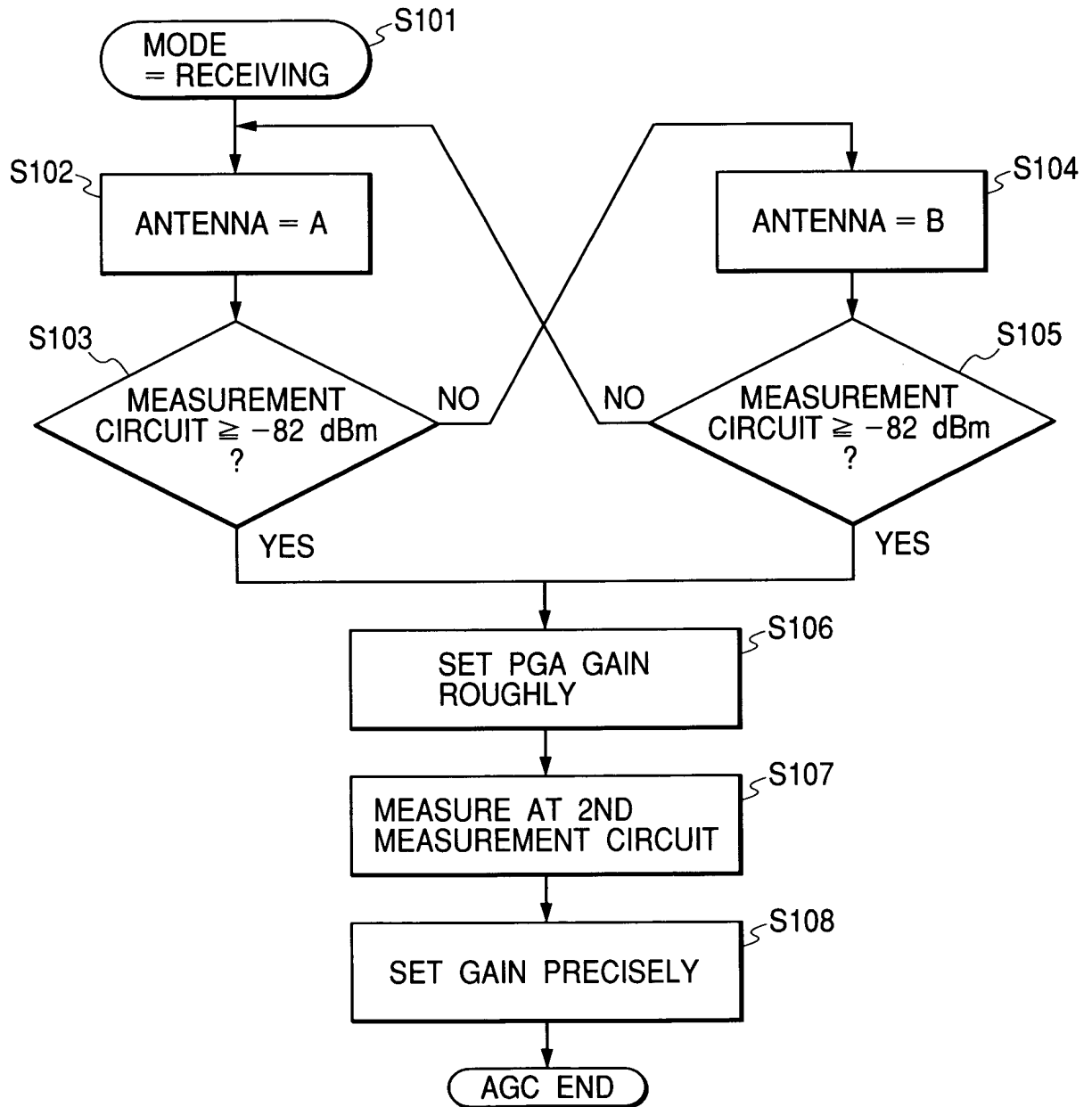
**FIG. 7**

FIG. 8





**FIG. 9**

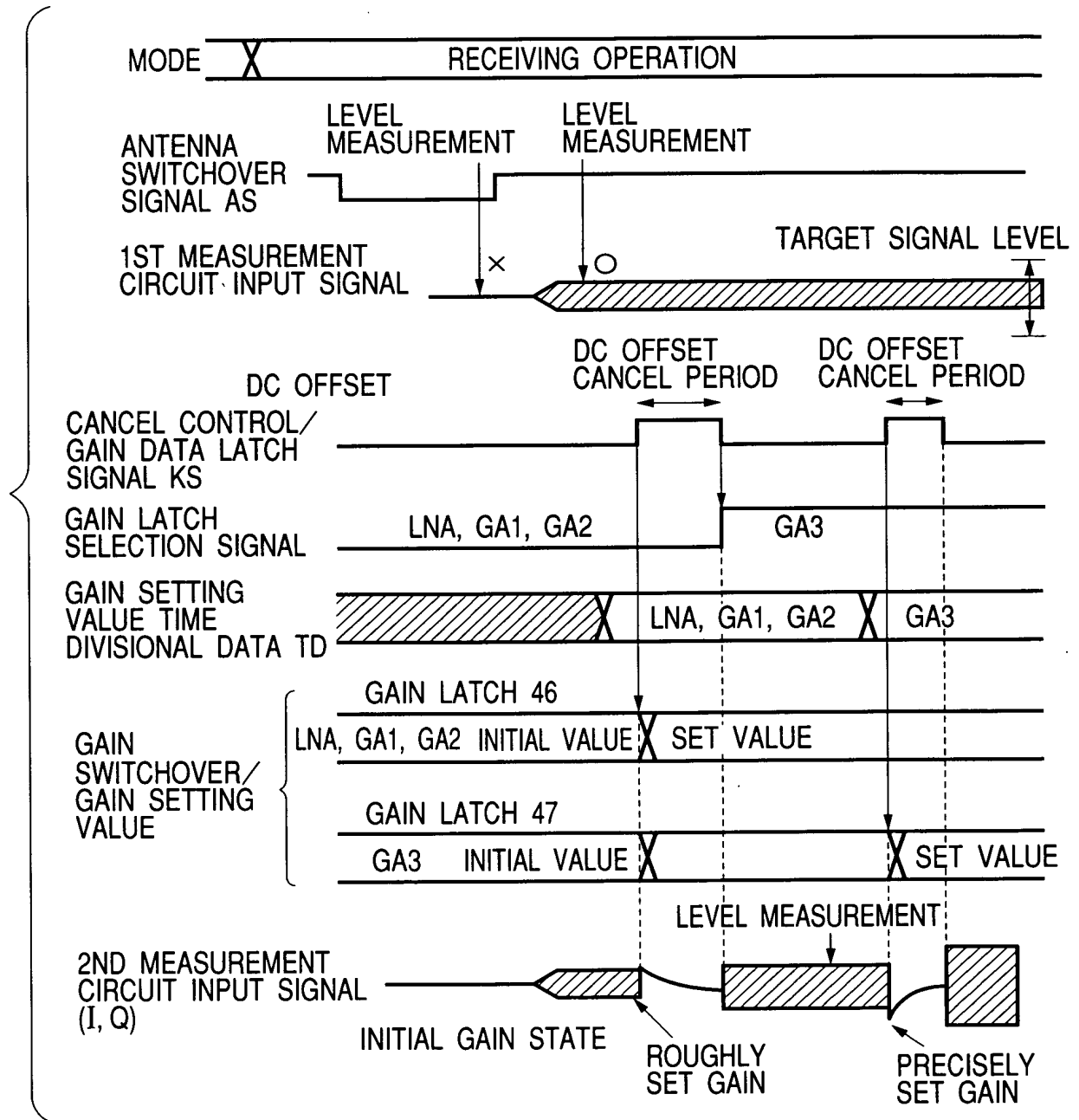
**FIG. 10**

FIG. 11

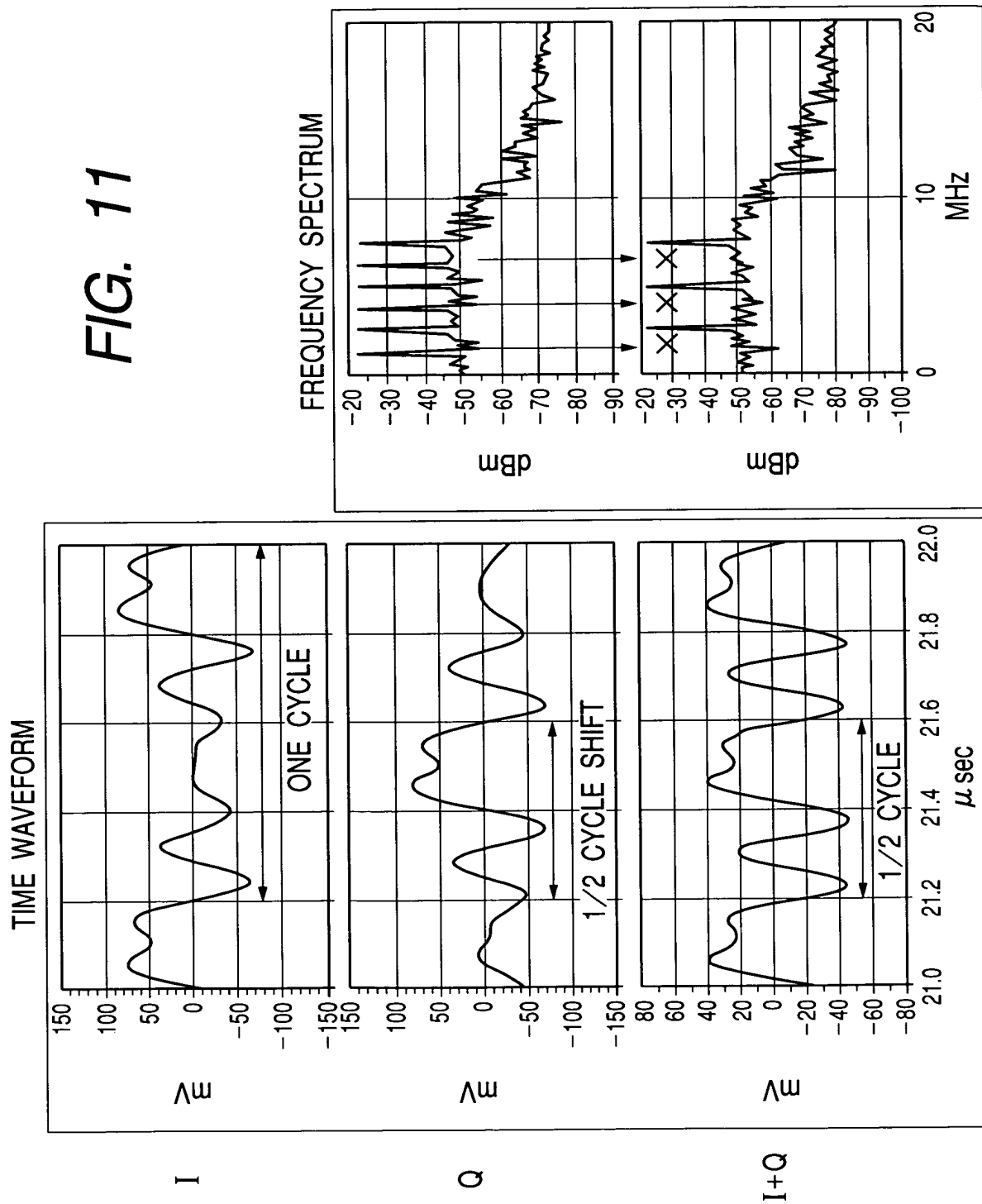


FIG. 12

TERMINAL NAME	ATTRIBUTE	FUNCTION	REMARK	CORRESPONDENCE TO SYMBOLS IN FIG. 1
RECEIVED SIGNAL	RSSIOUT	RSSI OUTPUT		MEASURED SIGNAL MRI
	RXBOUTIX	RECEIVED BASEBAND I SIGNAL (Positive)		I SIGNAL
	RXBOUTIY	RECEIVED BASEBAND I SIGNAL (Negative)		
	RXBOUTQX	RECEIVED BASEBAND Q SIGNAL (Positive)		Q SIGNAL
	RXBOUTQY	RECEIVED BASEBAND Q SIGNAL (Negative)		
CONTROL SIGNAL	AGCGAIN[3]	AGC GAIN SETTING VALUE INPUT, MSB	(SEE FIG. 11)	GAIN SETTING VALUE TIME DIVISION DATA TD
	AGCGAIN[2]	AGC GAIN SETTING VALUE INPUT		
	AGCGAIN[1]	AGC GAIN SETTING VALUE INPUT		
	AGCGAIN[0]	AGC GAIN SETTING VALUE INPUT, LSB		
	WAIT	AGC GAIN SETTING VALUE LATCHING TIMING & DC OFFSET SETTING CONTROL		
	MODE[2]	INPUT FOR OPERATION AND POWER SAVING MODE SETTING	(SEE TABLE 2-(1))	MODE CONTROL SIGNAL MC
	MODE[1]			
	MODE[0]			
	LE	3-wire interface, LOAD ENABLE	(SEE TABLE 2-(2)) (SEE FIG. 15)	REFERENCE CLOCK SCLK
	SDATA	3-wire interface, SERIAL DATA		
SIGNAL TO SEND	SCLK	3-wire interface, SERIAL CLOCK		I SIGNAL
	REFCLK	20MHz REFERENCE CLOCK INPUT		Q SIGNAL
	TXBBINIX	BASEBAND I SIGNAL TO SEND (Positive)		
	TXBBINIY	BASEBAND I SIGNAL TO SEND (Negative)		
	TXBBINQX	BASEBAND Q SIGNAL TO SEND (Positive)		
	TXBBINQY	BASEBAND Q SIGNAL TO SEND (Negative)		



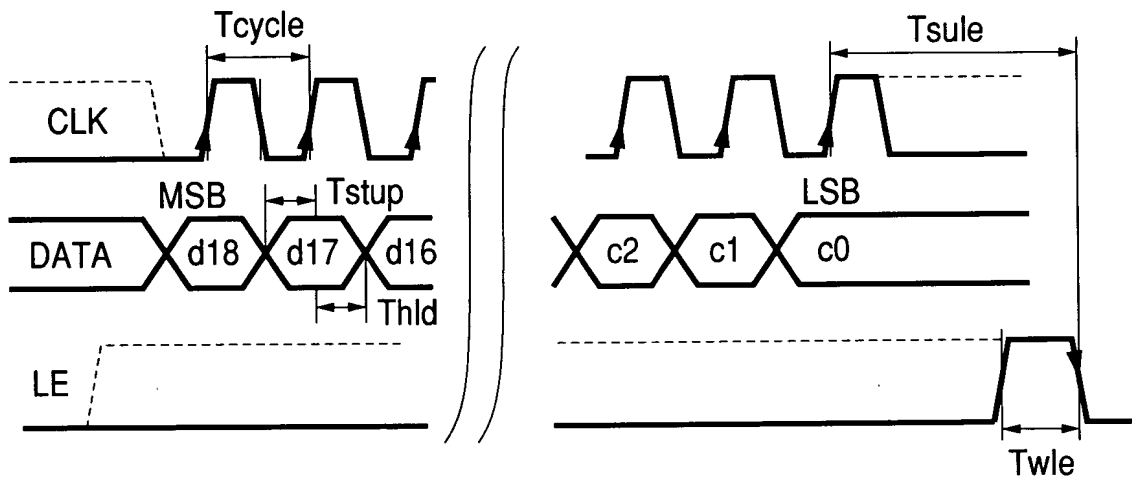
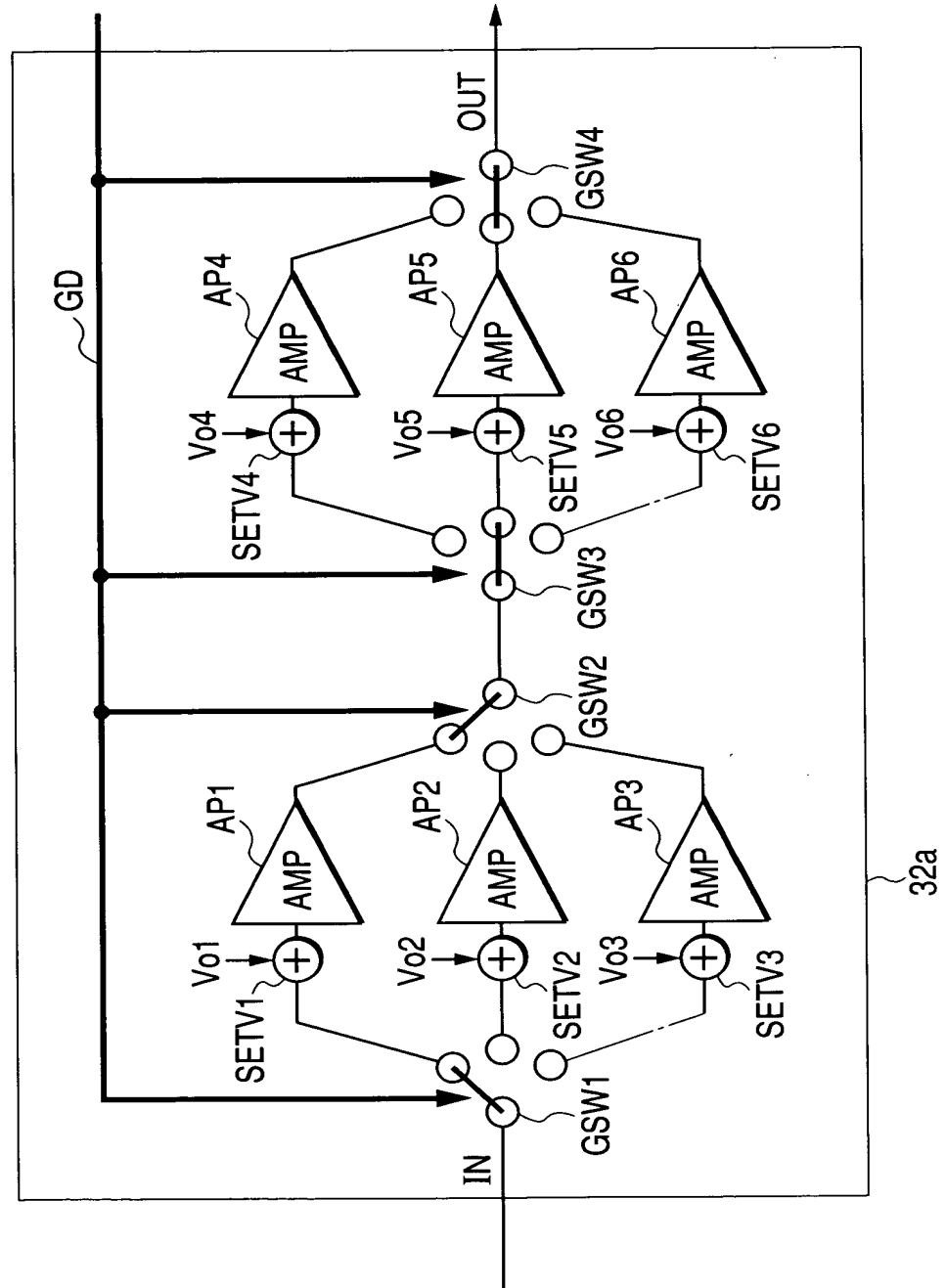
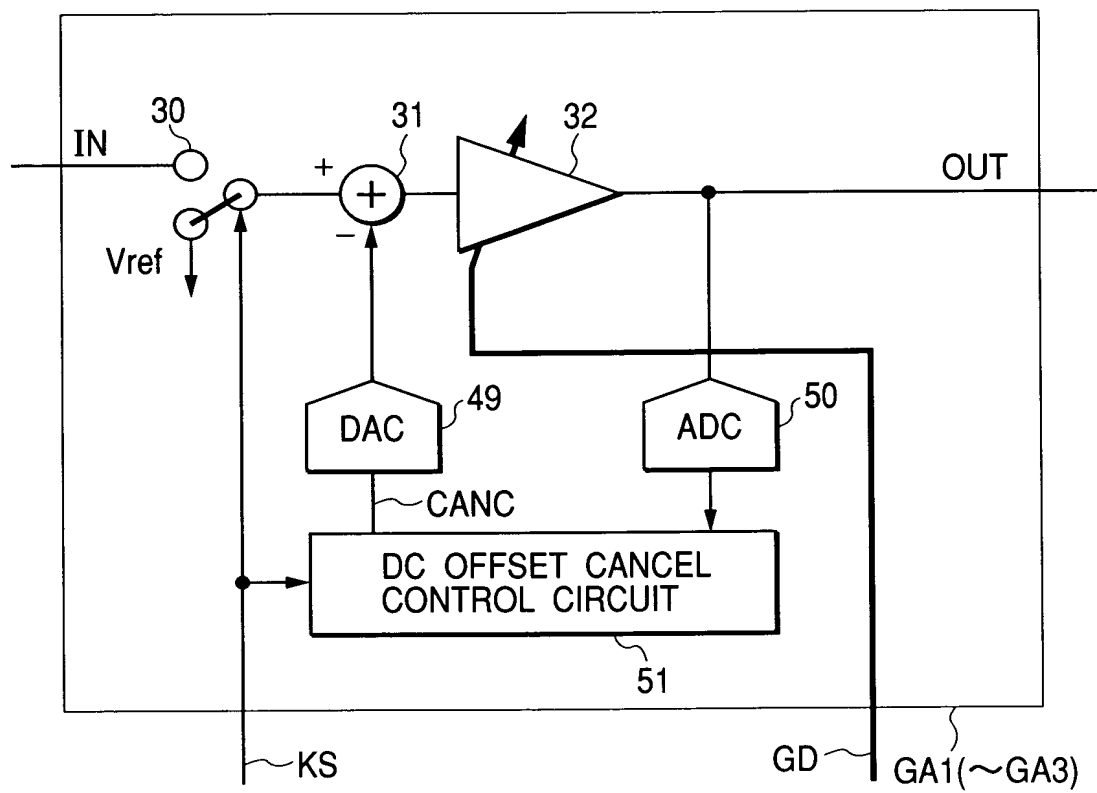
*FIG. 15*

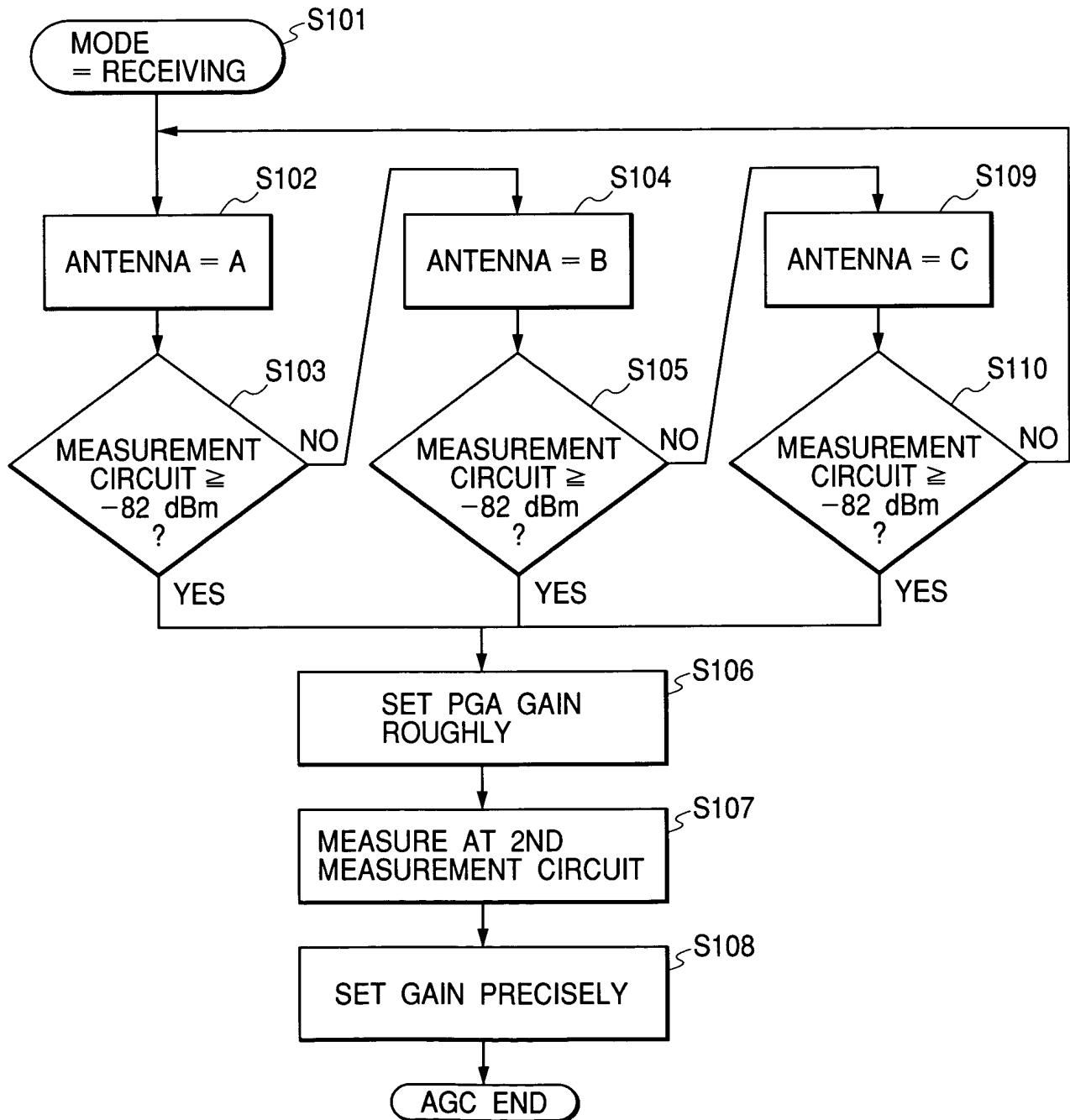
FIG. 16



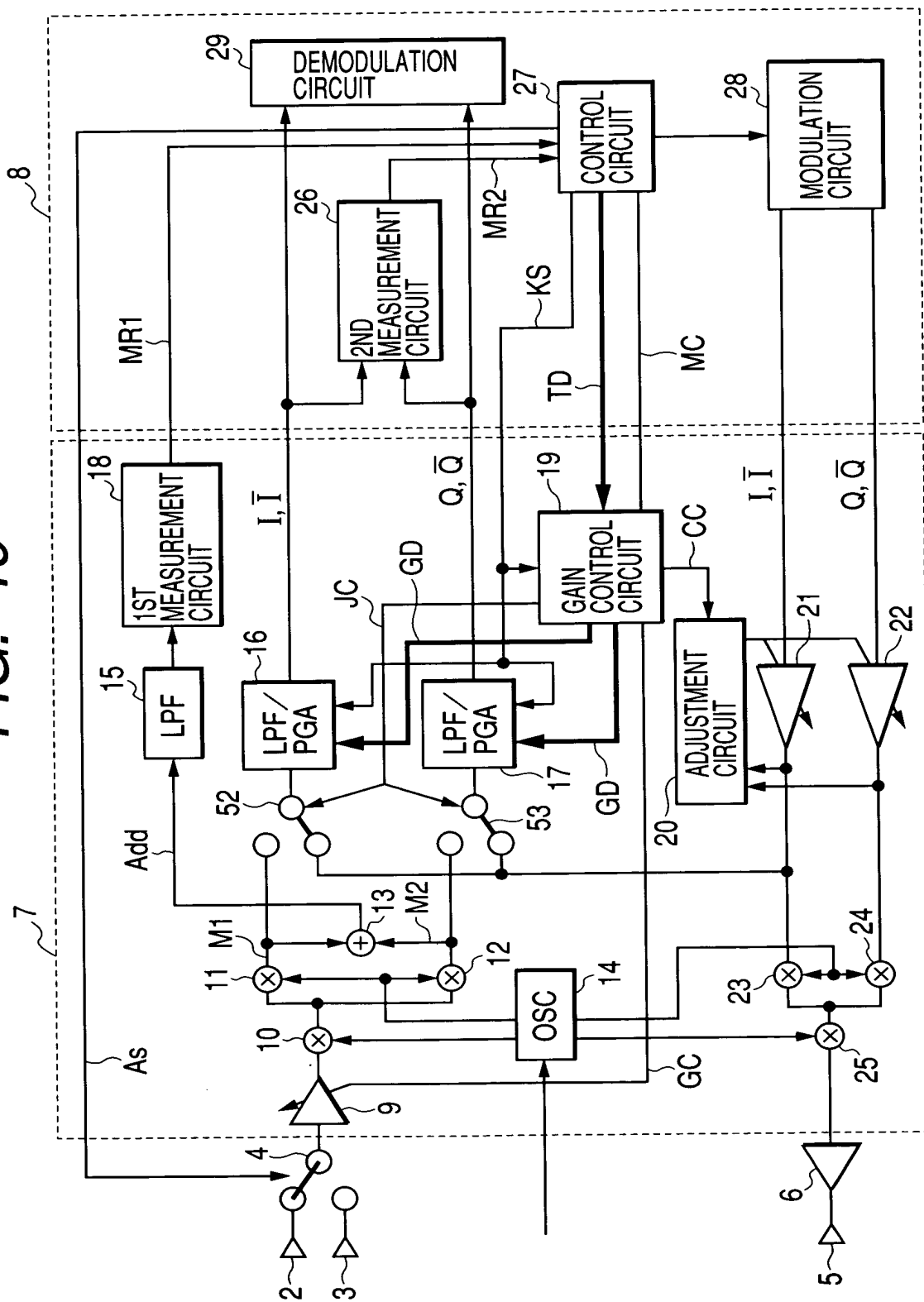
**FIG. 17**





**FIG. 18**

**FIG. 19**



*FIG. 20*